

**Südmo Holding GmbH**FOR IMMEDIATE PUBLICATION  
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## **New Range of Double-Seat Valves Continues Innovation Offensive**

**With its new generation of DSV Complete double-seat valves, Norit Südmo is continuing its uncompromising innovation offensive. Right after rolling out its IntelliTop® 2.0 control head, it is now bringing out another fluid handling component highlight to market. Its new double-seat valves will make a believer out of you with their higher level of pressure resistance and an improved service strategy at maximum process reliability. Beyond this, the new DSV Complete range of products allows highly flexible and compact valve arrangements at the highest level of efficiency.**

We have advanced our previous range of double-seat valves based on the successful D-series. The new DSV Complete series offers a complete range of valves with all of the options for a selection of sustainable, economical and perfectly fitting models. Depending upon the application, you can choose low-leakage or leakage-free switching valves where leakage-free is always the valve of choice with applications where no product may run out or be lost over the leakage drain.

### **Operating pressure available to 10 bar**

We have completely revised our sealing system consisting of the housing and seat seal and equipped it with the latest solutions. Enhanced guides with as much as 50% friction reduction due to lower system surfaces and intelligent sealing contours give you enormous advantages in valve operation. For instance, it can compensate for two times the sealing material gushing due to the external factors of temperature, cleansers or commercial components in the media pumped. The result is improved service life and maximum process reliability. You can use the complete series at an operating pressure of 10 bar in systems to serve all of the common processes with the standard series.

### **Easy and economical maintenance**

We place a premium on economical valve maintenance. That is why the area of the drive is chambered with the main spring and lifting piston for safety reasons, which means that it is maintenance-free. All seals in contact with the product can be serviced without any special tools. You can rely on us following our corporate philosophy for making housings of full material and the exterior dimensions have also remained the same for the housings. That means that there is no problem extending systems or integrating valves into existing installations in terms of sustainability.

### **Tandem Development of DSV Complete and IntelliTop® 2.0®**

The new DSV Complete Double Seat Valve series was developed in tandem with the decentralized IntelliTop® 2.0 control head. The simultaneous implementation of these two components has ideally aligned the two, which means that IntelliTop® 2.0 meets all of the requirements of the Complete Double Seat Valve series. Decentralized control via a directly attached control head for double seat valves provides sustainability for the entire process. Norit Südmo's DSV Complete valves are highly resistant to aggressive media and offer enhanced seal material options and designs that are suitable for a variety of applications. The valves are balanced to withstand pressure shocks and operate at high pressures, and are easy to maintain. In addition, the redesigned actuator reduces maintenance and improves safety. The combination of the IntelliTop® 2.0 and the DSV Complete series provide greater process reliability and a lower total cost of ownership.

## **A cross-section of DSV Complete**

DSV Complete double-seat valve design options:

- low-leakage
- leakage-free
- spindle rinsing
- cyclable valve disk
- shaft rinsing

The benefits of DSV Complete double-seat valves:

- low-maintenance drive (drive disassembly without a press)
- economical user-oriented design gradations
- complete double-seat portfolio
- sustainable process reliability
- operating pressure 10 bar

The benefits of our sealing strategy:

- longer service life
  - maximum temperature tolerance
  - highly enhanced sealing properties
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*Norit Südmo belongs to the Norit Group that is active on the international scene with 1,700 employees all over the world. Norit is leading in water treatment and beverage production. Norit Südmo's products and services range from manufacturing world-class stainless steel fittings right down to building fully automatic production plants for the beverage, foodstuffs and pharmaceutical industries.*

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